

## Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northwest</b>				
<b>(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM</b>				
	04/10/12 01:00 CST		0	Frost/Freeze
	04/10/12 07:00 CST		0	
<p>A high pressure system originating out of Canada settled into the region on April 10-12, 2012 providing clear skies, light winds and cold temperatures. The result was a hard freeze for three nights in a row as minimum temperatures plummeted into the 20s. Most locations saw readings dip into the mid to upper 20s but a few spots reported temperatures in the lower 20s. Stanley, Iowa in Buchanan county was the coldest location with 21 degrees on April 11. After a record warm March which caused vegetation growth to be at least 4 weeks earlier than normal, the cold weather damaged sensitive crops. According to Radio Iowa, widespread frost and freezing temperatures for three nights in a row caused significant damage to crops including apples, grapes and strawberries. At least 50 to 70 percent of these crops were lost especially where temperatures fell to 25 degrees or lower. However, it is unknown the amount of damage in dollar amount.</p>				
<b>(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH</b>				
	04/10/12 21:00 CST		0	Frost/Freeze
	04/11/12 07:00 CST		0	
<p>A high pressure system originating out of Canada settled into the region on April 10-12, 2012 providing clear skies, light winds and cold temperatures. The result was a hard freeze for three nights in a row as minimum temperatures plummeted into the 20s. Most locations saw readings dip into the mid to upper 20s but a few spots reported temperatures in the lower 20s. Stanley, Iowa in Buchanan county was the coldest location with 21 degrees on April 11. After a record warm March which caused vegetation growth to be at least 4 weeks earlier than normal, the cold weather damaged sensitive crops. According to Radio Iowa, widespread frost and freezing temperatures for three nights in a row caused significant damage to crops including apples, grapes and strawberries. At least 50 to 70 percent of these crops were lost especially where temperatures fell to 25 degrees or lower. However, it is unknown the amount of damage in dollar amount.</p>				
<b>(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH</b>				
	04/12/12 00:00 CST		0	Frost/Freeze
	04/12/12 07:00 CST		0	
<p>A high pressure system originating out of Canada settled into the region on April 10-12, 2012 providing clear skies, light winds and cold temperatures. The result was a hard freeze for three nights in a row as minimum temperatures plummeted into the 20s. Most locations saw readings dip into the mid to upper 20s but a few spots reported temperatures in the lower 20s. Stanley, Iowa in Buchanan county was the coldest location with 21 degrees on April 11. After a record warm March which caused vegetation growth to be at least 4 weeks earlier than normal, the cold weather damaged sensitive crops. According to Radio Iowa, widespread frost and freezing temperatures for three nights in a row caused significant damage to crops including apples, grapes and strawberries. At least 50 to 70 percent of these crops were lost especially where temperatures fell to 25 degrees or lower. However, it is unknown the amount of damage in dollar amount.</p>				
<b>HENRY COUNTY --- BISHOP HILL [41.20, -90.12]</b>				
	04/14/12 20:50 CST		0	Hail (0.75 in)
	04/14/12 20:50 CST		0	Source: County Official
Dime size hail covered the ground near Bishop Hill.				
<b>ROCK ISLAND COUNTY --- 1.0 E (MLI) QUAD CITY ARPT [41.45, -90.50]</b>				
	04/14/12 23:52 CST		0	Thunderstorm Wind (MG 68 kt)
	04/14/12 23:52 CST		0	Source: ASOS
Three aircraft were damaged at the Quad Cities International Airport near Moline. A house was partially unroofed near the airport and a highway sign was also blown over. The automated wind sensor recorded 78 mph winds at the airport.				
<b>ROCK ISLAND COUNTY --- 0.9 NW BLACKHAWK STATE PARK [41.48, -90.58]</b>				
	04/14/12 23:54 CST		0	Thunderstorm Wind (EG 50 kt)
	04/14/12 23:54 CST		0	Source: Newspaper
Dome of a former church blown off at 700 22nd street near the Quad Cities International Airport. The dome fell onto a house causing some damage.				

## Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HENRY COUNTY --- GENESEO [41.45, -90.15]				
	04/15/12 00:15 CST		0	Thunderstorm Wind (EG 52 kt)
	04/15/12 00:15 CST		0	Source: Law Enforcement

Law enforcement reported winds of 60 mph along with heavy rain near Geneseo.

A warm front lifting northward across the region on April 14, 2012 brought a round of severe thunderstorms during the late afternoon through much of the evening hours. Large hail and damaging winds were reported across eastern Iowa and western Illinois. Following the passage of the warm front there was increasing mid and upper level forcing and instability in place. There was adequate elevated instability as well as sufficient shear to trigger the severe thunderstorms. Three aircraft were damaged at the Quad Cities International Airport near Moline, Illinois. A house was partially unroofed near the airport and a highway sign was also blown over. The automated wind sensor recorded 78 mph winds at the airport.

HANCOCK COUNTY --- 0.5 E DALLAS CITY [40.63, -91.16]				
	04/28/12 00:00 CST		0	Hail (0.75 in)
	04/28/12 00:00 CST		0	Source: Law Enforcement

Law enforcement reported dime size hail just east of Dallas City.

A nearly stationary frontal boundary was draped across the southern Plains into central Missouri and central Illinois on April 28-29, 2012. Cool and cloudy weather to the north and warm moist air to the south of the front produced isolated elevated thunderstorms in extreme southeast Iowa and western Illinois. A couple of the storms produced dime size hail.

### IOWA, East Central and Southeast

(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY				
	04/10/12 00:00 CST		0	Frost/Freeze
	04/10/12 07:00 CST		0	

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	04/10/12 21:00 CST		0	Frost/Freeze
	04/11/12 07:00 CST		0	

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	04/11/12 23:00 CST		0	Frost/Freeze
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### CEDAR COUNTY --- 0.7 S STANWOOD [41.89, -91.15]

04/14/12 20:00 CST	50K	Lightning
04/14/12 20:00 CST	0	Source: Trained Spotter

Lightning caused a house fire in Stanwood at 669 State Highway 38.

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### KEOKUK COUNTY --- 0.7 N RICHLAND [41.19, -92.00]

04/14/12 20:05 CST	0	Hail (0.88 in)
04/14/12 20:05 CST	0	Source: Trained Spotter

A trained spotter reported nickel size hail near Richland.

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### BENTON COUNTY --- 0.5 E BELLE PLAINE [41.90, -92.27]

04/14/12 20:15 CST	0	Thunderstorm Wind (EG 50 kt)
04/14/12 20:15 CST	0	Source: Trained Spotter

A tree fell on a house on 11th Street and 2nd avenue in Belle Plaine.

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### KEOKUK COUNTY --- 3.1 W HEDRICK [41.17, -92.38]

04/14/12 20:30 CST	0	Thunderstorm Wind (EG 50 kt)
04/14/12 20:45 CST	0	Source: Emergency Manager

From 930 pm to 945 pm some power lines were blown down and some wind damage occurred from 4 miles west of Hedrick eastward along Highway 78 to Ollie.

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### KEOKUK COUNTY --- 1.0 W HEDRICK [41.17, -92.34], 0.5 W MARTINSBURG [41.18, -92.26]

04/14/12 20:35 CST	0	Tornado (EF1, L: 3.00 mi , W: 50 yd)
04/14/12 20:38 CST	0	Source: Emergency Manager

An EF1 tornado occurred in the "comma-head" of a bow echo along a path from 1 mile west of Hedrick to just west of Martinsburg. Total path length was about 3 miles. Power lines were downed, trees snapped, a machine shed wall was blown in, grain bins were damaged, a shed was destroyed, and the ball park was damaged. Approximately 10 homes were damaged in Hedrick along with rural farmsteads. A deputy police car was turned around and fell into a ditch. Numerous trees were also blown down.

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### KEOKUK COUNTY --- 0.5 E OLLIE [41.20, -92.09]

04/14/12 20:56 CST	0	Hail (1.25 in)
04/14/12 20:56 CST	0	Source: Law Enforcement

Law enforcement reported half dollar size hail near Ollie.

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### KEOKUK COUNTY --- 0.5 E OLLIE [41.20, -92.09]

04/14/12 20:56 CST	0	Thunderstorm Wind (EG 52 kt)
04/14/12 20:56 CST	0	Source: Law Enforcement

Law enforcement estimated 50 to 60 mph winds near Ollie.

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### LINN COUNTY --- 0.9 NW ELY [41.88, -91.59]

04/14/12 21:04 CST	0	Thunderstorm Wind (EG 50 kt)
04/14/12 21:04 CST	0	Source: Emergency Manager

Trees were reported down near Ely by the Linn county emergency manager.

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### HENRY COUNTY --- 0.5 E WAYLAND [41.15, -91.66]

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	04/14/12 21:20 CST		0	Hail (1.00 in)
	04/14/12 21:20 CST		0	Source: Public

The public reported quarter size hail near Wayland.

A warm front lifting northward across the region on April 14, 2012 brought a round of severe thunderstorms during the late afternoon through much of the evening hours. Large hail and damaging winds were reported across eastern Iowa and western Illinois. A tornado occurred at Hedrick, Iowa in Keokuk county. Following the passage of the warm front there was increasing mid and upper level forcing and instability in place. There was adequate elevated instability as well as sufficient shear to trigger the severe thunderstorms. Three aircraft were damaged at the Quad Cities International Airport near Moline, Illinois. A house was partially unroofed near the airport and a highway sign was also blown over. The automated wind sensor recorded 78 mph winds at the airport. An EF1 tornado occurred in the "comma-head" of a bow echo along a path from 1 mile west of Hedrick to just west of Martinsburg. Total path length was about 3 miles. Power lines were downed, trees snapped, a machine shed wall was blown in, grain bins were damaged, a shed was destroyed, and the ball park was damaged. Approximately 10 homes were damaged in Hedrick along with rural farmsteads. A deputy police car was turned around and fell into a ditch. Numerous trees were also blown down. No injuries were reported.

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### VAN BUREN COUNTY --- 2.7 WSW KILBOURN [40.79, -92.02]

04/25/12 18:13 CST	0	Hail (0.88 in)
04/25/12 18:13 CST	0	Source: Trained Spotter

A trained spotter reported nickel size hail but mostly pea size hail near Kilbourn.

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### VAN BUREN COUNTY --- LEBANON [40.73, -92.08]

04/25/12 18:17 CST	0	Hail (1.75 in)
04/25/12 18:17 CST	0	Source: Law Enforcement

County sheriff reported golf ball size hail near Lebanon.

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### VAN BUREN COUNTY --- 2.1 W PITTSBURG [40.75, -92.02]

04/25/12 18:18 CST	0	Hail (0.88 in)
04/25/12 18:18 CST	0	Source: Trained Spotter

A trained spotter reported nickel size hail falling for 3 minutes near Pittsburgh.

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### VAN BUREN COUNTY --- 1.7 ESE KEOSAUQUA [40.72, -91.92]

04/25/12 18:20 CST	0	Hail (0.75 in)
04/25/12 18:20 CST	0	Source: Trained Spotter

A trained spotter reported lots of dime size hail falling just southeast of Keosauqua.

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### VAN BUREN COUNTY --- 2.6 NW BONAPARTE ARPT [40.68, -91.85]

04/25/12 18:30 CST	0	Hail (1.00 in)
04/25/12 18:30 CST	0	Source: Trained Spotter

Hail the size of quarters was reported by a trained spotter northwest of Bonaparte.

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### VAN BUREN COUNTY --- 2.1 NE CANTRIL [40.67, -92.04]

04/25/12 18:33 CST	0	Hail (1.75 in)
04/25/12 18:33 CST	0	Source: Trained Spotter

A trained spotter reported golf ball size hail northeast of Cantril.

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### VAN BUREN COUNTY --- 2.6 SE CANTRIL [40.62, -92.04]

04/25/12 18:33 CST	0	Hail (1.75 in)
04/25/12 18:33 CST	0	Source: Trained Spotter

Golf ball size hail was observed by a trained spotter southeast of Cantril.

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### VAN BUREN COUNTY --- 3.0 SSE LAKE SUGEMA CAMP GD [40.64, -91.98]

04/25/12 18:33 CST	0	Hail (1.00 in)
04/25/12 18:33 CST	0	Source: Trained Spotter

A trained spotter reported hail the size of quarters but mostly the size of nickels.

## Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LEE COUNTY --- 0.5 W KEOKUK [40.40, -91.39]</b>				
	04/25/12 20:33 CST		0	Hail (0.75 in)
	04/25/12 20:33 CST		0	Source: Trained Spotter
A trained spotter measured dime size hail near Keokuk.				
Low pressure tracked across eastern Iowa and northwest Illinois during the evening hours of April 25, 2012. A warm front also moved north into the area triggering severe thunderstorms across extreme southeast Iowa and extreme northeast Missouri. These storms dumped large hail and even produced a tornado near Kahoka, Missouri. There were several reports of golf ball size hail in extreme southeast Iowa.				
<b>LEE COUNTY --- 1.3 WNW KEOKUK [40.41, -91.40]</b>				
	04/29/12 22:11 CST		0	Hail (0.75 in)
	04/29/12 22:11 CST		0	Source: Public
The public reported dime size hail near Keokuk.				
A nearly stationary frontal boundary was draped across the southern Plains into central Missouri and central Illinois on April 28-29, 2012. Cool and cloudy weather to the north and warm moist air to the south of the front produced isolated elevated thunderstorms in extreme southeast Iowa and western Illinois. A couple of the storms produced dime size hail.				
<b>MISSOURI, Northeast</b>				
<b>(MO-Z009) SCOTLAND, (MO-Z010) CLARK</b>				
	04/11/12 03:00 CST		0	Frost/Freeze
	04/11/12 07:00 CST		0	
A high pressure system originating out of Canada settled into the region on April 10-12, 2012 providing clear skies, light winds and cold temperatures. The result was a hard freeze for three nights in a row as minimum temperatures plummeted into the 20s. Most locations saw readings dip into the mid to upper 20s but a few spots reported temperatures in the lower 20s. Stanley, Iowa in Buchanan county was the coldest location with 21 degrees on April 11. After a record warm March which caused vegetation growth to be at least 4 weeks earlier than normal, the cold weather damaged sensitive crops. According to Radio Iowa, widespread frost and freezing temperatures for three nights in a row caused significant damage to crops including apples, grapes and strawberries. At least 50 to 70 percent of these crops were lost especially where temperatures fell to 25 degrees or lower. However, it is unknown the amount of damage in dollar amount.				
<b>(MO-Z009) SCOTLAND, (MO-Z010) CLARK</b>				
	04/12/12 03:00 CST		0	Frost/Freeze
	04/12/12 06:00 CST		0	
A high pressure system originating out of Canada settled into the region on April 10-12, 2012 providing clear skies, light winds and cold temperatures. The result was a hard freeze for three nights in a row as minimum temperatures plummeted into the 20s. Most locations saw readings dip into the mid to upper 20s but a few spots reported temperatures in the lower 20s. Stanley, Iowa in Buchanan county was the coldest location with 21 degrees on April 11. After a record warm March which caused vegetation growth to be at least 4 weeks earlier than normal, the cold weather damaged sensitive crops. According to Radio Iowa, widespread frost and freezing temperatures for three nights in a row caused significant damage to crops including apples, grapes and strawberries. At least 50 to 70 percent of these crops were lost especially where temperatures fell to 25 degrees or lower. However, it is unknown the amount of damage in dollar amount.				
<b>CLARK COUNTY --- 0.5 W CLARK CITY [40.42, -91.69]</b>				
	04/25/12 18:58 CST		0	Hail (1.00 in)
	04/25/12 18:58 CST		0	Source: Trained Spotter
A trained spotter reported hail the size of quarters near Clark City.				
<b>CLARK COUNTY --- 2.0 E LURAY [40.45, -91.84], 4.0 SE LURAY [40.41, -91.83]</b>				
	04/25/12 19:05 CST		0	Tornado (EF1, L: 2.00 mi , W: 50 yd)
	04/25/12 19:10 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A supercell produced an EF1 tornado that touched down 2 miles east of Luray and moved southeast to about 4 miles southeast of Luray, damaging grain bins, barns and other outbuildings. A house at the beginning of the tornado's path was extensively damaged and was shifted off its foundation. Another house at the end of the path had the siding and roof damaged. The tornado moved southeast for about 2 miles and was on the ground for an estimated 5 minutes.				
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CLARK COUNTY --- WAYLAND [40.40, -91.58]	04/25/12 19:06 CST		0	Hail (1.00 in)
	04/25/12 19:06 CST		0	Source: Trained Spotter
A trained spotter reported hail the size of quarters near Wayland.				
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CLARK COUNTY --- 0.7 S WAYLAND [40.39, -91.58]	04/25/12 19:09 CST		0	Hail (1.50 in)
	04/25/12 19:09 CST		0	Source: Trained Spotter
A trained spotter reported ping pong size hail just south of Wayland.				
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CLARK COUNTY --- KAHOKA [40.42, -91.72]	04/25/12 19:11 CST		0	Hail (1.75 in)
	04/25/12 19:11 CST		0	Source: Trained Spotter
A trained spotter measured golf ball size hail with lots of car damage in Kahoka.				
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CLARK COUNTY --- 0.5 W CLARK CITY [40.42, -91.69]	04/25/12 19:13 CST		0	Hail (1.25 in)
	04/25/12 19:13 CST		0	Source: Trained Spotter
A trained spotter reported hail the size of half dollars just west of Clark City.				
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CLARK COUNTY --- KAHOKA [40.42, -91.72]	04/25/12 19:15 CST		0	Hail (1.75 in)
	04/25/12 19:15 CST		0	Source: Public
The public reported golf ball size hail in Kahoka.				
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CLARK COUNTY --- KAHOKA [40.42, -91.72]	04/25/12 19:16 CST		0	Hail (1.75 in)
	04/25/12 19:16 CST		0	Source: Trained Spotter

A trained spotter reported golf ball size hail in Kahoka.

Low pressure tracked across eastern Iowa and northwest Illinois during the evening hours of April 25, 2012. A warm front also moved north into the area triggering severe thunderstorms across extreme southeast Iowa and extreme northeast Missouri. These storms dumped large hail in extreme southeast Iowa and even produced a tornado in extreme northeast Missouri. In Clark county, Missouri a supercell produced an EF1 tornado that touched down 2 miles east of Luray and moved southeast to about 4 miles southeast of Luray. This tornado damaged grain bins, barns and other outbuildings. A house at the beginning of the tornado's path was extensively damaged and was shifted off its foundation. Another house at the end of the path had the siding and roof damaged. The tornado moved southeast for about 2 miles and was on the ground for an estimated 5 minutes. No injuries were reported. Golf ball size hail fell in Kahoka, Missouri causing damage to vehicles.